242-10-10230 MAINSTEM EXTENSION

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

AWC Volume SE SC SW W AR IN USGS Quad SELDOVIA - A5

Anadromous Water Catalog Number of Waterway ~~241-20-10550~~ 242-10-10230

Name of Waterway ______ USGS name ____ Local name ____

Addition ✓ Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 94 237	[signature] 1/19/94 Regional Supervisor Date
Revision Year: '94	[signature] 1/11/94
Revision to: Atlas ____ Catalog ____ Both X	2. [signature] 2/1/94
Revision Code: A-1 E9	Drafted Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon - Adults	9/12/93	200 +			✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Pink Salmon were observed during foot surveys from the mouth of trib 2 on downstream to the cataloged extent, which is a distance of approx. .9 River miles. During an overflight at tree top level, Pink Salmon were observed in a pool immediately below the waterfall barrier, ~ .1 miles above the mouth of trib 2. The average gradient is 3%, predominant substrates are cobble & gravel. Although we noted 200+ pink salmon, we expect that far more were present, obscured by deep water and abundant cover.

Name of Observer (please print) KATHRIN SUNDET

Date: 10/22/93 Signature: [signature]

Address: 333 RASPBERRY
ANCHORAGE AK 99502

ALASKA DEPT. OF FISH & GAME
NOV 03 1993
REGION II
HABITAT AND RESTORATION DIVISION

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: ______ Rev. 7/93

STREAM HABITAT ASSESSMENT 1993 – SEGMENTS

242-10-10230

STREAM: CHATHAM-12 SEGMENT: 0-01 DATE: 09/12/93 TEAM: 93

ANADROMOUS: (Y) n WIDTH (m): 10 – 6 LENGTH (m): ~1500m GPS DATE: __/__/ DIGITIZE: (Y) n

WATERBODY: (mainstem) tributary lake/pond wetland intertidal other : _____

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
ANC	A	200	V	counted only active fish	Bear		Predation

GRADIENT(%): 3 CHANNEL PROFILE: A V B U C U D U E V F

CHANNEL PATTERN: (single) multi braided

STREAM SUBSTRATE : (rank three most predominant types) BEDROCK ___ BOULDER ___ RUBBLE 3 COBBLE 1 GRAVEL 2 SAND ___ MUD/SILT ___ ORGANICS ___ OTHER: _____

STREAM COVER TYPE: ORGANIC DEBRIS ___ DEAD BRANCHES/TWIGS ✓ LOGS ✓ BOULDERS ✓ CUT BANK ✓ OVERHANGING VEGET. ✓ OTHER: _____

STREAM COVER ABUNDANCE: none low (medium) high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: SPRUCE

UNDERSTORY: ALDER DEVILS CLUB BLUEBERRY

CANOPY ABOVE STREAM: none (low) medium high

GROWTH: (mature) secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? (Y) n BARRIER TO SPECIES: ALL (adults) juveniles

TYPE: (fall) slide beaverdam logjam spring substrate HEIGHT (m): 6 DIST. FROM UPPER EXTENT (m): 0

PHOTO ROLL(s): _____ VIDEO TAPE(s): _____

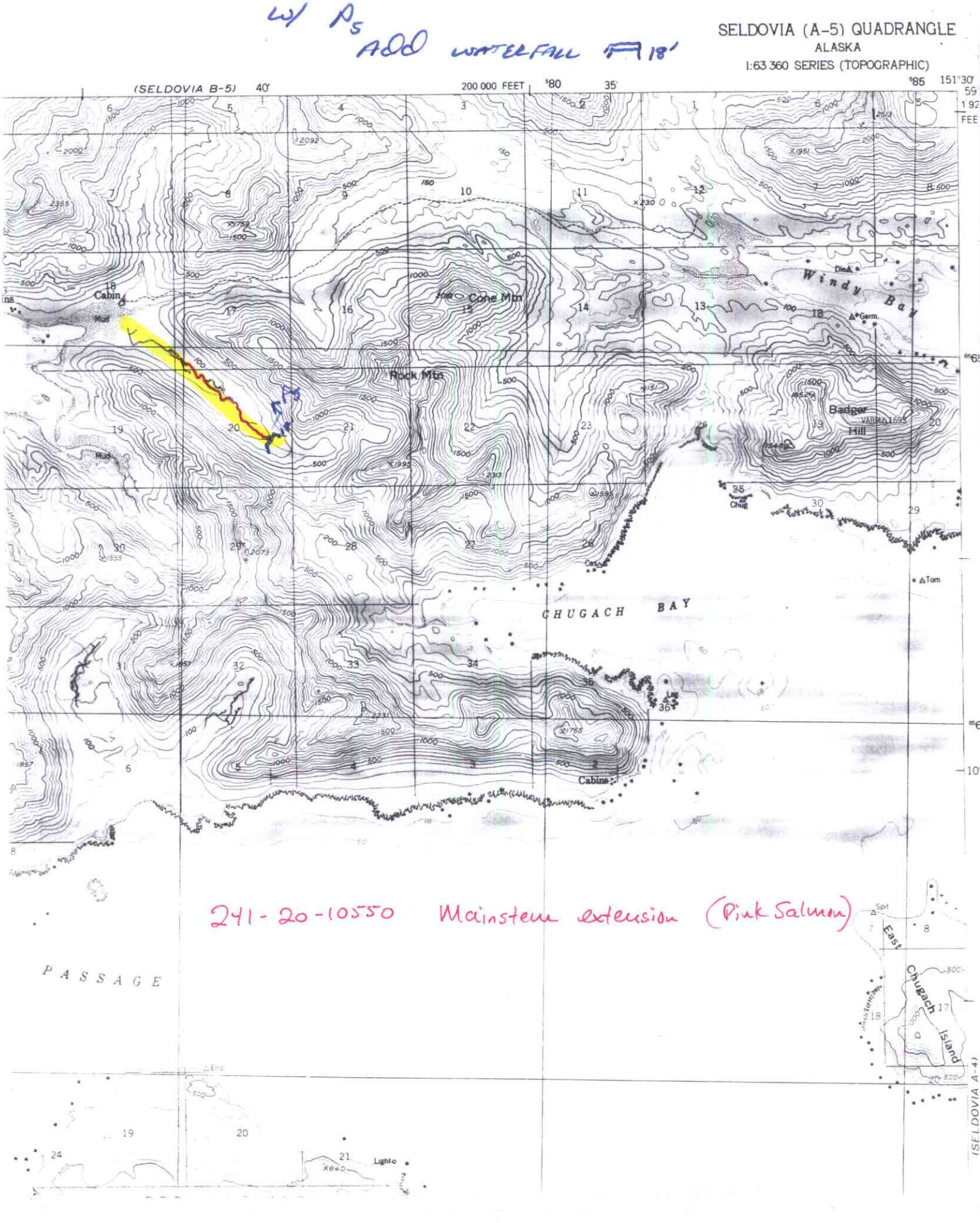
FRAME	DESCRIPTION

DATE	DESCRIPTION

Substrate: Bedrock (solid) Boulder >1' Rubble 6–12" Cobble 2–6" Gravel .1–2" Sand <.1"

(Please enter comments on the other side)

EXTEND STREAM
W/ PS
ADD WATERFALL @ 18'



241-20-10550 Mainstem extension (Pink Salmon)

MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream Nominations and Corrections Project R-51

FROM: Kathrin Sundet
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 74 streams surveyed in the fall of 1993 on private lands held by the Port Graham, English Bay and Seldovia Native Corporations on the outer Kenai Peninsula.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

cc: Lance Trasky
Don McKay
Mark Kuwada